

**ILLINOIS COMMERCE COMMISSION
STIPULATED AGREEMENT
CROSSING DATA FORM**

GENERAL INFORMATION: See Location Sketch

RAILROAD	Chicago, Central and Pacific Railroad Company
USDOT#, MILEPOST	306 843D, 127.12-W
STREET, CITY, COUNTY	Vernon Street, Lena, Stephenson County
JURISDICTION (RDWY)	Village of Lena
LOCATION	Rural, Commercial
STREET SURFACE	2 lane, 2-way, 30 foot, bituminous roadway

CROSSING DATA: Also see Location Sketch for roadway profile and track centers

TRACK	SURFACE TYPE	SURFACE WIDTH	SURFACE CONDITION
Main (South)	Timber	28 feet	Excellent
Siding (North)	Timber	28 feet	Excellent

ROADWAY DATA: See Location Sketch

INTERSECTING ROADS:	Main Street – 80 feet south Railroad Street – 75 feet north
TRAFFIC CONTROL	At Main Street – Yield sign for Vernon Street traffic At Railroad Street – Stop Signs for Railroad Street traffic
ADT & SPEED	1400 Vehicles Per Day @ 30 MPH
TRAFFIC TYPE	Passenger, Possible School Busses, Possible Hazardous Materials, Emergency Vehicles
ADVANCE WARNING	Yes – both directions
PAVEMENT MARKING	None

RAILROAD DATA: See Location Sketch

FREIGHT TRAFFIC	8 Trains per Day (24 hours) @ 50 MPH, Switch Movements
PASSENGER TRAFFIC	None
WARNING DEVICES	Automatic Flashing Light Signals, Bell (SE), Reflective Crossbucks

NOTES:

Location of SE mast does not comply with 92 Illinois Administrative Code, Part 1535.300

VISIBILITY STUDY: See Location Sketch

Train Speed	50	MPH
Roadway Speed	30	MPH
Required Stopping Sight Distance (SSD)		
Along Roadway	486	FEET
Along Tracks	337	FEET
Required Clearing Sight Distance (CSD) (Along Tracks)	1,200	FEET

Distances calculated per American Association of State Highway and Transportation Officials (AASHTO), A Policy on Geometric Design of Highways and Streets, 1984.

QUADRANT	CSD (FT)	OBSTRUCTION	SSD (FT)	OBSTRUCTION
NE	*		*	Buildings
NW	*		*	Buildings
SE	*	Signal & Signal Stand	*	Buildings
SW	*	Control Box	*	Buildings

*Note: Automatic flashing light signals and gates (AFLS&G) eliminate the need to satisfy minimum Site Distance criteria.

APPROACH GRADES: See Location Sketch

DIRECTION: NORTH			DIRECTION: SOUTH		
DISTANCE (FT)	ELEVATION (FT)	GRADE (%)	DISTANCE (FT)	ELEVATION (FT)	GRADE (%)
0	100.0	---	0	100.0	---
25	99.7	-1.2	25	99.8	-0.8
50	97.9	-7.2	50	99.7	-1.0
100	95.1	-5.6	100	99.8	1.0

Distance measured from outermost rail.

COMMENTS:

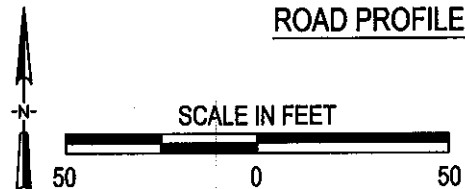
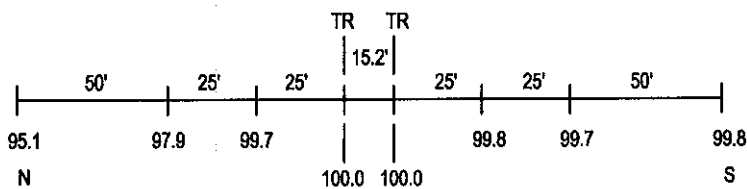
North approach from 0-50' does not comply with 92 Illinois Administrative Code, Part 1535.204.

Cost division:

Illinois Commerce Commission/Grade Crossing Protection Fund -----	30%
Illinois Department of Transportation -----	70%



J:\STEPHENSON\306843D\306843D.DWG 04/11/01 08:57 WAK



Crossing #: 306843D
 Location: Stephenson Co., City of Lena (In)
 Lat/Long: 42°22'51" / 89°49'39"
 Railroad: Chicago, Central and Pacific
 Street: Vernon Street
 Railroad Milepost: 127.12-W
 Crossing Protection: Train Activated Devices

**ILLINOIS COMMERCE COMMISSION
STIPULATED AGREEMENT
CROSSING DATA FORM**

GENERAL INFORMATION: See Location Sketch

RAILROAD	Chicago, Central and Pacific Railroad Company
USDOT#, MILEPOST	306 844K, 127.40-W
STREET, CITY, COUNTY	North Main Street/1300N, West Point Township, near Lena, Stephenson County
JURISDICTION (RDWY)	West Point Township
LOCATION	Rural, Agricultural
STREET SURFACE	2 Lane, 2-Way, 23 Foot, Aggregate Roadway

CROSSING DATA: Also see Location Sketch for roadway profile and track centers

TRACK	SURFACE TYPE	SURFACE WIDTH	SURFACE CONDITION
Main (South)	Rubber	31 Feet	Good
Siding (North)	Rubber	31 Feet	Good

ROADWAY DATA: See Location Sketch

INTERSECTING ROADS:	Main Street – 96 feet south
TRAFFIC CONTROL	Stop Sign for Main Road traffic
ADT & SPEED	700 Vehicles Per Day @ 30 MPH
TRAFFIC TYPE	Passenger, Possible School Busses, Possible Hazardous Materials, Emergency
ADVANCE WARNING	North only
PAVEMENT MARKING	None

RAILROAD DATA: See Location Sketch

FREIGHT TRAFFIC	8 Per day @ 50 MPH, Possible Switch Movements, Day & Night
PASSENGER TRAFFIC	None
WARNING DEVICES	Reflective Crossbucks

NOTES:

VISIBILITY STUDY: See Location Sketch

Train Speed	50	MPH
Roadway Speed	30	MPH
Required Stopping Sight Distance (SSD)		
Along Roadway	486	FEET
Along Tracks	337	FEET
Required Clearing Sight Distance (CSD) (Along Tracks)	1,200	FEET

Distances calculated per American Association of State Highway and Transportation Officials (AASHTO), A Policy on Geometric Design of Highways and Streets, 1984.

QUADRANT	CSD (FT)	OBSTRUCTION	SSD (FT)	OBSTRUCTION
NE	*		*	
NW	*		*	
SE	*		*	
SW	*		*	

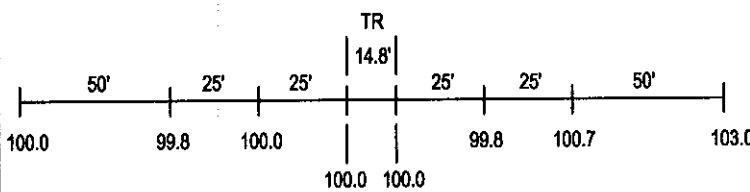
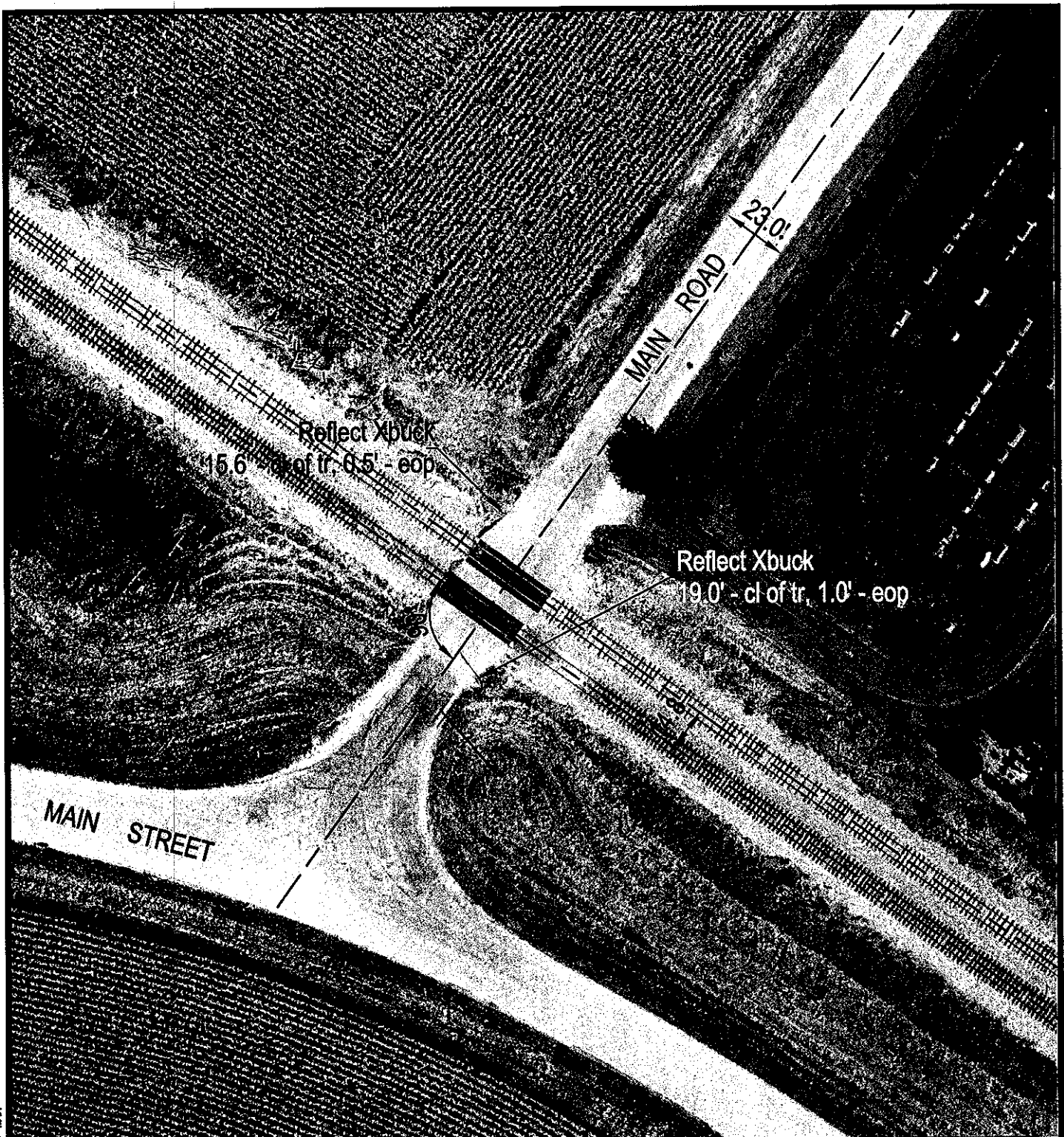
*Note: Automatic flashing light signals and gates (AFLS&G) eliminate the need to satisfy minimum Site Distance criteria.

APPROACH GRADES: See Location Sketch

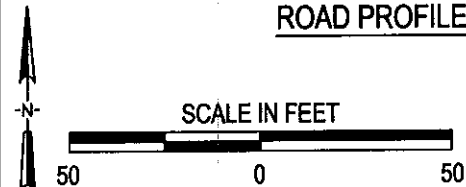
DIRECTION: NORTH			DIRECTION: SOUTH		
DISTANCE (FT)	ELEVATION (FT)	GRADE (%)	DISTANCE (FT)	ELEVATION (FT)	GRADE (%)
0	100.0	---	0	100.0	---
25	100.0	0.0	25	99.8	-0.8
50	99.8	-0.8	50	100.7	3.6
100	100.0	0.4	100	103.0	4.6

Distance measured from outermost rail.

COMMENTS:



ROAD PROFILE



Crossing #: 306844K
 Location: Stephenson Co., City of Lena (Near)
 Lat/Long: 42°23'11" / 89°50'11"
 Railroad: Chicago, Central and Pacific
 Street: Main Rd.
 Railroad Milepost: 127.69-W
 Crossing Protection: Crossbucks

EXHIBIT B-1

ILLINOIS CENTRAL RAILROAD
ENGINEERING DEPARTMENT
SIGNALS AND COMMUNICATIONS

Lena, IL

Est 1016-101

Estimated cost of Signal work to add Gates at Galena Road.

Midwest Division

Val Sec IL-1

ITEM DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL COST
=====				
FAPG				

CROSSING MATERIALS PACKAGE	1.	LOT @	59689.00	59689.00
LANDFILL	1.	L.S. @	600.00	600.00
MISC.SIGNAL MATERIAL	1.	L.S. @	400.00	400.00
5 MAN GANG	10.	DAY @	800.00	8000.00
PRELIMINARY ENGINEERING	1.	L.S. @	8000.00	8000.00
CONSTRUCTION ENGINEERING	1.	L.S. @	275.00	275.00

SUMMARY

MATERIAL	60689.00 *
HANDLING 0.0420	2548.94
CROSSING SYSTEM HANDLING	3349.00
CROSSING SYSTEM WIRING	5600.00
LABOR	8000.00 *
ENGINEERING	8275.00
ACCOUNTING	200.00
COMPOSITE ADD.-DIRECT LABOR 0.8089	6471.20
COMPOSITE ADD.-ENG 0.8526 -ACCT 1.0706	7269.39
SUBSISTENCE	2500.00
RENTAL OF EQUIPMENT	2000.00
POWER TAP	1500.00
CONTINGENCIES	10837.47

TOTAL COST	119240.00

JOB NO. 0006222
Est. No. 00001209
REV. NO. 3

Galena Road
Lena, IL
MP 125.21

4/22/02

HOUSING EQUIPMENT					
LINE	PART NUMBER	DESCRIPTION	REQUIRED	UNIT	TOTAL
1	611066-X4	ASSY, HOUSE, IC 6X6 ALUM	1.00	\$6,683.00	\$6,683.00
2	N/A	A/C UNIT	1.00	\$960.00	\$960.00
3	051639-X62	BATTERY RACK	1.00	\$128.00	\$128.00
4	051640-X53	BATTERY TRAY	1.00	\$64.91	\$64.91
5	020461-22KIT	POK LIGHT	2.00	\$84.00	\$168.00
6	451690-T00197	WIRE, #10 TEFZEL, M22759/16-10-0	700.00	\$0.21	\$147.00
7	451690-T00198	WIRE, #16 TEFZEL, M22759/16-16-0	1000.00	\$0.08	\$80.00
8	451033-T02508	WIRE, #6 TEFZEL M22759/16-6-0,	100.00	\$0.78	\$78.00
9	099483-T10441	WIRE, 2C #10 AC 90, ONE BLACK	150.00	\$0.55	\$82.50
10	057883-1X	RACK, SWING-OUT "ST" RELAY	1.00	\$508.94	\$508.94
11	051873-10X	RACK, EQUIPMENT 7' X 23"	1.00	\$257.71	\$257.71
12	005314-T09894	BAR, WIRE TIE, ALU.	6.00	\$7.27	\$43.62
13	T15029	CHARGER, 12/20(GREY) AUTO-ELECT	1.00	\$459.26	\$459.26
14	T15030	CHARGER, 12/40(GREY) AUTO-ELECT	1.00	\$644.71	\$644.71
15	024620-1X	LINK, TEST 1" CENTERS W/GOLD	6.00	\$1.42	\$8.52
16	051883-126	LINK ASSY, TEST	16.00	\$1.52	\$24.32
17	8A299-6	DIODE, FOR CN RAIL JOBS	2.00	\$7.25	\$14.50
18	029603-8X	RESISTOR, ADJ. 17 OHM	1.00	\$25.38	\$25.38
19	019601-15	RESISTOR 10K OHM	1.00	\$1.23	\$1.23
20	022700-1X	EQUALIZER WITHOUT BASE	6.00	\$12.05	\$72.30
21	022585-1X	ARRESTER, HEAVY DUTY CLEARVIEW	12.00	\$29.52	\$354.24
22	409893-T09271	JUMPER, THROUGH BLOCK WAGO #28	20.00	\$0.34	\$6.80
23	093222-T08641	DIN RAIL, FOR BREAKERS, WEIDEM	1.00	\$29.60	\$29.60
24	409893-T09269	MARKER, 1-50 CARD (5-PACK) WAG	1.00	\$1.93	\$1.93
25	409893-T09270	END, STOP WAGO #249-116	2.00	\$0.05	\$0.10
26	409893-T09274	TERMINAL BLOCK, 2-POLE THROUGH	20.00	\$1.21	\$24.20
27	409893-T09272	END, PLATE, THROUGH	2.00	\$0.33	\$0.66
28	093360-T10646	SEPARATOR, THROUGH BLOCK, WAGO	3.00	\$0.59	\$1.77
29	091769-T10715	TERMINAL, PIDG. BLUE, #16	50.00	\$0.37	\$18.50
30	091769-T10712	TERMINAL, PIDG. YELLOW, #10	150.00	\$0.29	\$43.50
31	091769-T10707	TERMINAL, H. D. SOLISTRAND, #6	12.00	\$0.77	\$9.24
32	097000-T00003	TERMINAL, RING TONGUE AMP.	40.00	\$0.95	\$38.00
33	091769-T10706	TERMINAL, SPADE, RED #16-22	12.00	\$0.28	\$3.36
34	151152-T03856	TRANSFORMER, SINGLE PHASE CLAS	1.00	\$17.57	\$17.57
35	409198-T11125	TRANSFORMER, 120-240V PRIMARY	1.00	\$44.08	\$44.08
36	311152-T01867	BREAKER, CIRCUIT Q0-115 15A SI	1.00	\$9.98	\$9.98
37	311033-T02207	BREAKER, 30A SP 120V Q0130	1.00	\$7.14	\$7.14
38	023612-1X	TERMINAL BLOCK, 2-3/8" CENTERS	4.00	\$3.49	\$13.96
39	023274-28X	TERMINAL BLOCK, MULTI-UNIT, 12	5.00	\$14.47	\$72.35
40	053222-T04010	RELAY, N. V. P & B KUP-14D15-1	1.00	\$16.48	\$16.48
41	053222-T09797	RELAY, SOCKET P&B 27E121 NEWAR	1.00	\$9.51	\$9.51
42	T13236	FUSE, 0.5A 250V, BUSSMAN P/N	1.00	\$2.86	\$2.86
43	027614-1X	BLOCK ASSY FUSE, BKLT (CUCA)	1.00	\$7.59	\$7.59
44	023408-1X	NUT, INSULATED	2.00	\$3.78	\$7.56
45	999487-T10451	BOOK, SITE LOG, CN	1.00	\$11.23	\$11.23
46	409123-T06749	BATTERY, GNB ABSO. - 265AH	13.00	\$186.20	\$2,420.60
					\$13,624.71

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Galena Road
Lena, IL
MP 125.21

4/22/02

GROUND MATERIAL					
LINE	PART NUMBER	DESCRIPTION	REQUIRED	UNIT	TOTAL
1	62775-1543	SHUNT, NARROW BAND MULTI-FREQU	2.00	\$408.36	\$816.72
2	T13997	SHUNT HOUSING	2.00	\$221.14	\$442.28
3	330027-T3932A	FOUNDATION, CONCRETE DPS-2, 4'	2.00	\$417.93	\$835.86
4	112152-T00241	ROD, GROUND 3/4" X 10'	4.00	\$27.29	\$109.16
5	T13133	CONNECTOR, AMP P/N 80408-4	12.00	\$9.82	\$117.84
6	099152-T00119	WIRE, #6 STRANDED, BARE	75.00	\$0.28	\$21.00
7	099483-T10456	CABLE, 2C #6 TW. TYPE CP-100,	300.00	\$0.41	\$123.00
8	T12481	CABLE, 16C (7#6,9#14) TYPE CP-	400.00	\$2.79	\$1,116.00
9	099483-T10458	CABLE, 3C #6 TECK 90, CN STOCK	150.00	\$1.94	\$291.00
10	998508-T10513	MARKER POST, ORANGE W/CN BURIED	7.00	\$17.87	\$125.09
11	999394-T10537	TAPE, MARKING TRENCH	1.00	\$57.06	\$57.06
12	030399-16X	PADLOCK, HEXAGON	4.00	\$6.73	\$26.92
13	136430-T07882	FIXTURE, LIGHT, FLOOD	1.00	\$195.94	\$195.94
14	136430-T07881	GUARD, WIRE	1.00	\$28.48	\$28.48
15	999430-T09689	LAMP, 250W LUCALO	1.00	\$20.20	\$20.20
					\$4,326.55
WARNING MATERIAL					
1	070519-523X	MAST, S-40 5"X 14' SCH.40 CN	2.00	\$827.16	\$1,654.32
2	070755-2528BX	COUNTERWEIGHT PACKAGE, 25'-28'	2.00	\$1,278.38	\$2,556.76
3	074000-W00004	GATE, MODEL "S-40" W/HARD	2.00	\$2,910.40	\$5,820.80
4	250078-T11193	BRACKET, GATE MECH. SUPPORT, F	2.00	\$119.00	\$238.00
5	070921-LRX	SUPPORT ARM ASSY,	2.00	\$571.54	\$1,143.08
6	076203-6	SLEEVE, EXTRUSION, GATE ARMS 1	2.00	\$28.40	\$56.80
7	250165-T06295	KEEPER, GATE ARM (GENERAL SIGN	2.00	\$2,063.21	\$4,126.42
8	T13760	GATEARM, 16'-24' EZ GATE COMBO	2.00	\$755.29	\$1,510.58
9	076203-518X	SUPPORT, HIGH WIND FOR GATE AS	2.00	\$123.82	\$247.64
10	042003-L9LED	FLX-2000, 2-WAY "LED" 5" MAST	2.00	\$1,459.40	\$2,918.80
11	253165-T10906	BELL, ELECTRONIC, 4"-5" BASE	1.00	\$236.29	\$236.29
12	035045-503X	PINNACLE, 4" AND 5"	1.00	\$9.31	\$9.31
13	071367-4X	HARDWRE PKG, SIGN 5" MTG	2.00	\$37.29	\$74.58
14	254242-T11496	SIGN, "RAILROAD CROSSING"	2.00	\$93.66	\$187.32
15	451690-T00197	WIRE, #10 TEFZEL, M22759/16-10-0	450.00	\$0.21	\$94.50
					\$20,875.20
ELECTRONIC MATERIAL					
1	80160-101-0	GCP 3000ND2, REDUNDANT	1.00	\$9,729.30	\$9,729.30
2	80255	MODULE, DATA RECORDER INTERFACE	2.00	\$127.92	\$255.84
3	80211	MODULE, INTELLIGENT PROCESSOR	2.00	\$1,004.50	\$2,009.00
4	8600-80250-2T20	EVENT RECORDER W/PROCESSOR & ANALOG DISPLAY	1.00	\$2,054.92	\$2,054.92
5	91160	CROSSING CONTROLLER, SSCC3, 40AMP	1.00	\$2,296.00	\$2,296.00
6	80063	CONNECTOR, MS/GCP INTERFACE, 2	1.00	\$63.96	\$63.96
7	051883-177X	PANEL ASSEMBLY, VERTICAL SURGE	1.00	\$239.44	\$239.44
8	051883-176X	PANEL ASSEMBLY, VERTICAL SURGE	1.00	\$410.00	\$410.00
9	051883-170	PANEL, VERTICAL BLANK	3.00	\$35.26	\$105.78
10	44883-201X1	PANEL ASSY VERTICAL LIGHTING	1.00	\$561.70	\$561.70
					\$17,725.94

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		POWER SERVICE MATERIAL:			
1	097033-T10815	CONNECTOR, CABLE	2.00	\$17.84	\$35.68
2	097033-T10814	CONNECTOR, CABLE	1.00	\$19.27	\$19.27
3	097033-T10765	WEATHERHEAD, #6	1.00	\$13.12	\$13.12
4	097033-T10729	BUSHING, INSUL.	2.00	\$0.44	\$0.88
5	230033-T10845	LOCKNUT, STEEL,	4.00	\$0.40	\$1.60
6	097033-T10772	BUSHING, GROUND,	1.00	\$4.50	\$4.50
7	098299-T10777	GUARD, CABLE	3.00	\$12.63	\$37.89
8	098299-T10776	STRAP, 2-HOLE,	8.00	\$0.53	\$4.24
9	230033-T10736	SCREW, LAG, GIMLET	16.00	\$0.38	\$6.08
10	400999-T00116	STRAP, GALV. COND,	6.00	\$0.69	\$4.14
11	112152-T00241	ROD, GROUND 3/4"	2.00	\$27.29	\$54.58
12	T13133	CONNECTOR, AMP P/N 81408-4	2.00	\$9.92	\$19.84
13	099483-T10455	WIRE, 1C #6 GREEN	50.00	\$1.01	\$50.50
					\$252.32
		FOREMANS KIT			
1	099026-T09582	BONDSTRAND, RED	100.00	\$0.63	\$63.00
2	099483-T10444	CASE WIRE #16	250.00	\$0.11	\$27.50
3	099483-T10443	CASE WIRE #10	250.00	\$0.32	\$80.00
4	090999-T00130	SLEEVE 3/16 X 6 AWG 2363]	10.00	\$1.31	\$13.10
5	090026-T08751	SLEEVE 3/16 X 3/16 2367]	10.00	\$1.33	\$13.30
6	111026-T01996	CONNECTOR CADWELD	50.00	\$3.76	\$188.00
7	400999-T00027	WIRE SOLID AWG 6 BARE	100.00	\$0.14	\$14.00
8	116033-T10483	HEAT SHRINK TUBING 6"	100.00	\$1.74	\$174.00
9	116711-T09978	SILICONE SEALANT	10.00	\$6.35	\$63.50
10	091769-T10543	TERMINAL TONGUE RING AMP 35627	100.00	\$0.75	\$75.00
11	091769-T10546	TERMINAL TONGUE RING AMP 35628	100.00	\$0.53	\$53.00
12	091769-T10707	TERMINAL RING E-6-38	60.00	\$0.77	\$46.20
13	091769-T10710	STAKON TERMINAL RING E-6-14	100.00	\$0.22	\$22.00
14	115026-T00150	CONNECTION, 1-SHOT CADWELD #GR	20.00	\$5.43	\$108.60
15	112152-T01991	ROD, GROUND 5/8" X 10'	10.00	\$14.57	\$145.70
16	115026-T10488	RAIL CLIP ERICO SBA154	50.00	\$2.24	\$112.00
17	115026-T10487	RAIL CLIP ERICO 252-50	12.00	\$4.12	\$49.44
18	092044-T08738	TAG, WHITE PLASTIC L&W 2032-1	50.00	\$0.12	\$6.00
19	092044-T08737	TAG, WHITE PLASTIC L&W 2041-1	50.00	\$0.12	\$6.00
20	023390-11X	TERMINAL STRIPS 12 POSITION	2.00	\$14.19	\$28.38
21	116050-T10490	ELECTRICAL TAPE 3/4	4.00	\$0.67	\$2.68
22	350145-T08748	BLADE HACKSAW 1/2 X 12, 18 TOOTH	2.00	\$1.44	\$2.88
23	230299-T10831	ONE POUND STAPLES - GALVANIZED, 3/8" X 1-1/2"	1.00	\$1.76	\$1.76
24	023408-23X	TERMINAL INSULATED 023408-23X	10.00	\$0.31	\$3.10
25	350145-T08745	SOAP, WATERLESS	1.00	\$5.82	\$5.82
26	350182-T06955	CANS SPRAY PAINT, ALUMINUM RUSTOLEUM R470	6.00	\$5.71	\$34.26
27	T14002	CANS SPRAY PAINT, MATTE BLACK RUSTOLEUM 7776	6.00	\$5.71	\$34.26
28	350145-T08741	BRUSH, PAINT 3"	1.00	\$5.97	\$5.97
29	350097-T10486	BRUSH, PAINT 1"	1.00	\$3.10	\$3.10
30	T13743-XX	LOCK SIGNAL AMERICAN H-10	12.00	\$19.20	\$230.40
31	032401-X	GREASE, NO-OXIDE - PINT CAN	1.00	\$12.39	\$12.39
					\$1,625.34

JOB NO. 0006222
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Galena Road
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4/22/02

MATERIAL FOR SWITCH LOCATION				
1	400999-T00176	RECTIFIER, TRACK RING-10	1.00	\$124.62
2	400999-T00119	AC GENERATOR	1.00	\$199.94
3	400999-T00120	TRACK DRIVER	1.00	\$342.40
4	029602-7X	RESISTOR, ADJ. 2.5 OHM	1.00	\$23.57
5	029603-1X	RESISTOR, ADJ. 4.0 OHM, W/PORC	1.00	\$25.38
6	400010	RELAY, TYPE "ST" NEUTRAL	1.00	\$502.66
7	420000-46X	TEST POST KIT, VOLTAGE FOR "ST"	1.00	\$7.05
8	420000-40X	SOCKET ASSEMBLY FOR "ST" RELAY	1.00	\$33.62
				\$1,259.24
One Container Truck Required				
			Shelter	\$13,624.71
			Ground	\$4,326.55
			Warning	\$20,875.20
Notes:			Electronic	\$17,725.94
1) Conduit for under road supplied by others.			Power Service	\$252.32
			Foreman's Kit	\$1,625.34
			Misc. Material	\$1,259.24
			Const. & AIS plans	\$587.50
			Eng.	\$4,887.50
			Shop Labor	\$5,600.00
			Site survey/sketch	\$1,950.00
			Container usage	\$975.00
			Total	\$73,689.30
			Estimated Freight	\$2,374.00
			Grand Total:	\$76,063.30

VISIBILITY STUDY: See Location Sketch

Train Speed	50	MPH
Roadway Speed	30	MPH
Required Stopping Sight Distance (SSD)		
Along Roadway	486	FEET
Along Tracks	337	FEET
Required Clearing Sight Distance (CSD) (Along Tracks)	1,200	FEET

Distances calculated per American Association of State Highway and Transportation Officials (AASHTO), A Policy on Geometric Design of Highways and Streets, 1984.

QUADRANT	CSD (FT)	OBSTRUCTION	SSD (FT)	OBSTRUCTION
NE	*		*	
NW	*	Control Box	*	
SE	*		*	
SW	*		*	

*Note: Automatic flashing light signals and gates (AFLS&G) eliminate the need to satisfy minimum Site Distance criteria.

APPROACH GRADES: See Location Sketch

DIRECTION: WEST			DIRECTION: EAST		
DISTANCE (FT)	ELEVATION (FT)	GRADE (%)	DISTANCE (FT)	ELEVATION (FT)	GRADE (%)
0	100.0	---	0	100.0	---
25	99.9	-0.4	25	99.7	-1.2
50	100.2	1.2	50	98.3	-5.6
100	100.6	0.8	100	95.3	-6.0

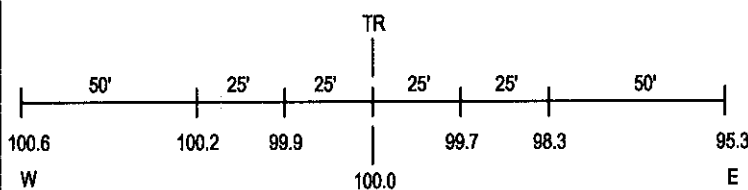
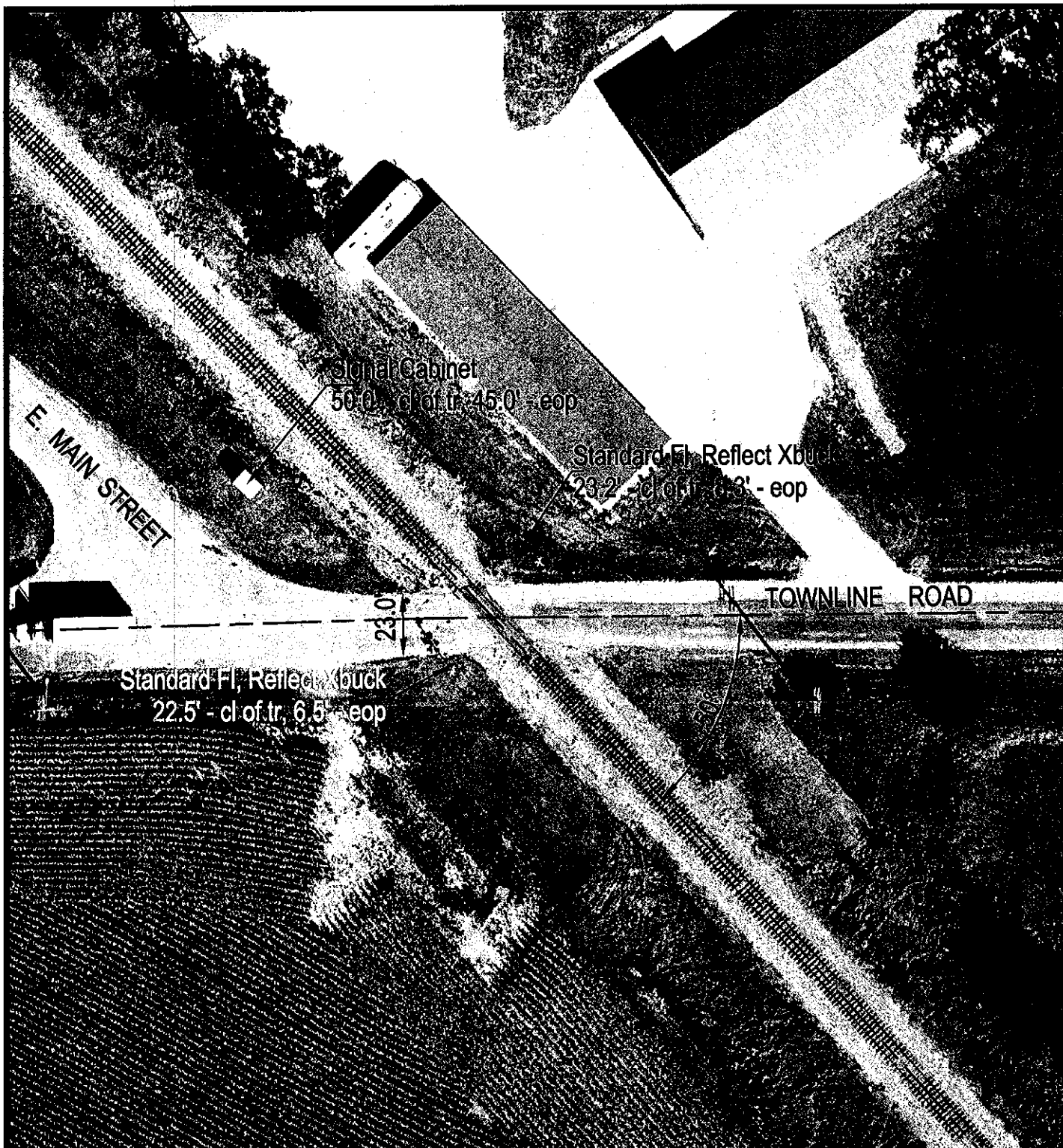
Distance measured from outermost rail.

COMMENTS:

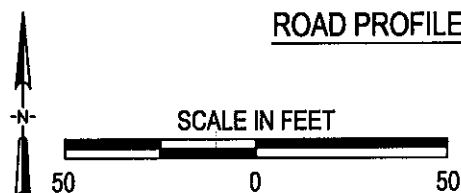
East approach from 0-50' does not comply with 92 Illinois Administrative Code, Part 1535.204.

Cost division:

Illinois Commerce Commission/Grade Crossing Protection Fund -----	85%
Village of Lena -----	10%
Chicago, Central and Pacific Railroad Company -----	5%



ROAD PROFILE



Crossing #: 306839N
 Location: Stephenson Co., City of Lena (In)
 Lat/Long: 42°22'20" / 89°48'51"
 Railroad: Chicago, Central & Pacific
 Street: Townline Rd.
 Railroad Milepost: 126.22-W
 Crossing Protection: Train Activated Devices

**ILLINOIS COMMERCE COMMISSION
STIPULATED AGREEMENT
CROSSING DATA FORM**

GENERAL INFORMATION: See Location Sketch

RAILROAD	Chicago, Central and Pacific Railroad Company
USDOT#, MILEPOST	306 841P, 126.88-W
STREET, CITY, COUNTY	Schuyler Street/ILL 73, Lena, Stephenson County
JURISDICTION (RDWY)	Village of Lena
LOCATION	Urban, Commercial
STREET SURFACE	2 driving lanes, 1 parking lane (east), 2-way traffic, 40 foot (curb to curb), bituminous roadway in good condition

CROSSING DATA: Also see Location Sketch for roadway profile and track centers

TRACK	SURFACE TYPE	SURFACE WIDTH	SURFACE CONDITION
Main	Rubber	42 feet	Southbound – good Northbound – fair

ROADWAY DATA: See Location Sketch

INTERSECTING ROADS:	Main Street – 80 feet south Railroad Street – 90 feet north
TRAFFIC CONTROL	At Main Street – Stop Signs for Main St. traffic. At Railroad Street – Stop Signs for Railroad Street traffic.
ADT & SPEED	4050 vehicles per day @ 30 MPH, 10% trucks
TRAFFIC TYPE	Passenger, Possible School Busses, Possible Hazardous Materials, Emergency Vehicles
ADVANCE WARNING	Yes – both directions
PAVEMENT MARKING	Stop bars only.

RAILROAD DATA: See Location Sketch

FREIGHT TRAFFIC	8 trains per day (24 hours) at 50 MPH, no switch movements
PASSENGER TRAFFIC	None
WARNING DEVICES	automatic flashing light signals on cantilevers, bell (NW), reflective crossbucks

NOTES:

VISIBILITY STUDY: See Location Sketch

Train Speed	50	MPH
Roadway Speed	30	MPH
Required Stopping Sight Distance (SSD)		
Along Roadway	486	FEET
Along Tracks	337	FEET
Required Clearing Sight Distance (CSD) (Along Tracks)	1,200	FEET

Distances calculated per American Association of State Highway and Transportation Officials (AASHTO), A Policy on Geometric Design of Highways and Streets, 1984.

QUADRANT	CSD (FT)	OBSTRUCTION	SSD (FT)	OBSTRUCTION
NE	*		*	Buildings
NW	*	Light pole	*	Buildings
SE	*		*	Buildings
SW	*	Control box	*	Buildings

*Note: Automatic flashing light signals and gates (AFLS&G) eliminate the need to satisfy minimum Site Distance criteria.

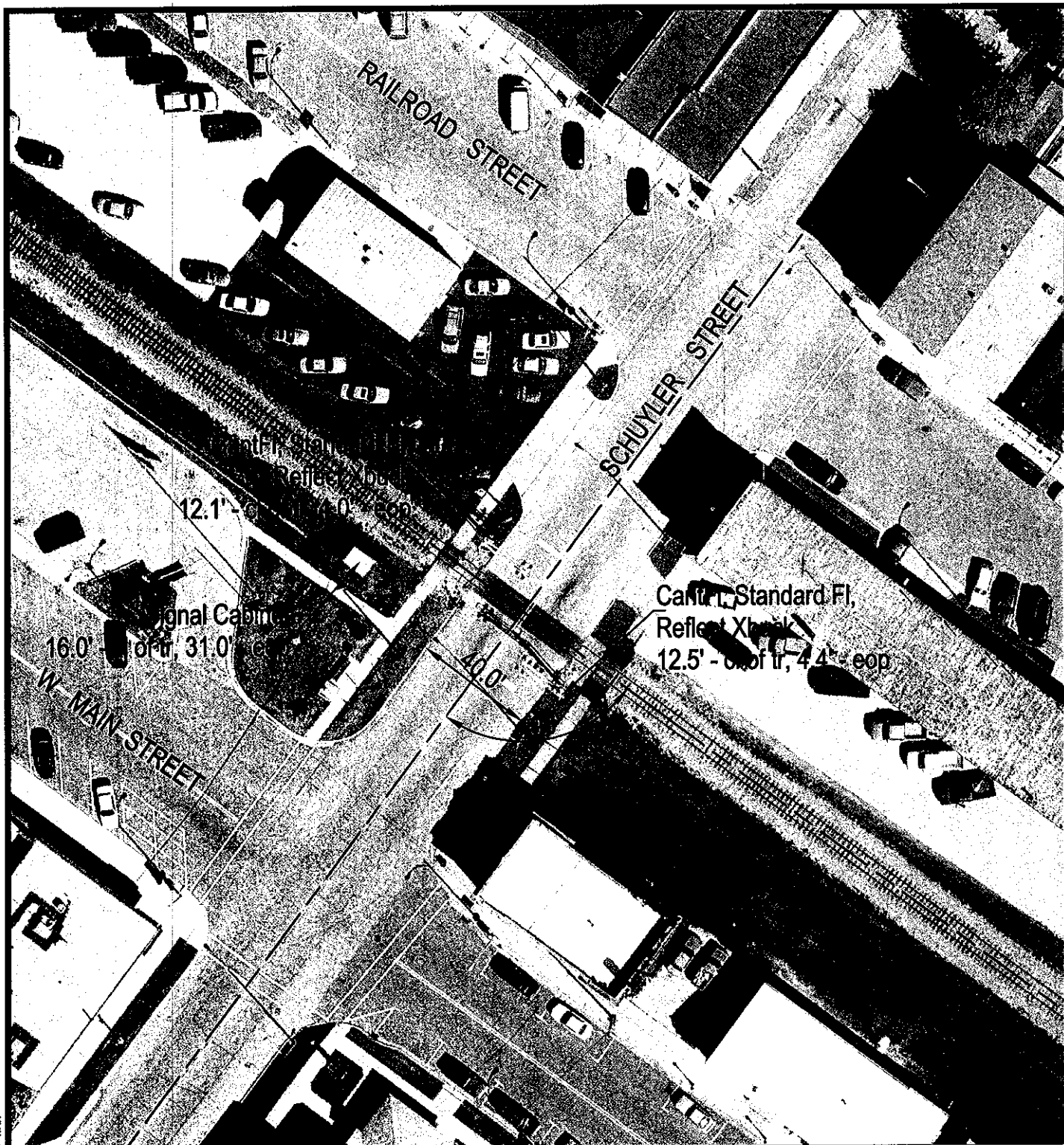
APPROACH GRADES: See Location Sketch

DIRECTION: NORTH			DIRECTION: SOUTH		
DISTANCE (FT)	ELEVATION (FT)	GRADE (%)	DISTANCE (FT)	ELEVATION (FT)	GRADE (%)
0	100.0	---	0	100.0	---
25	99.8	-0.8	25	100.0	0.0
50	99.3	-2.0	50	100.5	2.0
100	98.2	-2.2	100	101.3	1.6

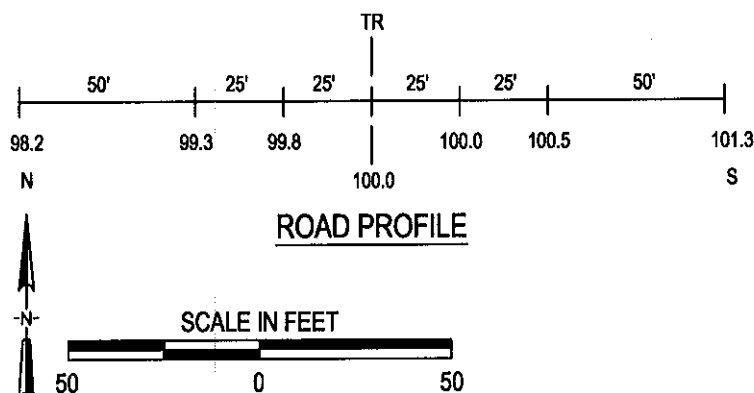
Distance measured from outermost rail.

COMMENTS:

The Illinois Department of Transportation, using Federal, Transportation Equity Act for the 21st Century (TEA-21) monies, will fund 100% of the warning device improvements.



J:\STEPHENSON\306841P\306841P.DWG 04/11/01 08:00 WAK



Crossing #: 306841P

Location: Stephenson Co., City of Lena (In)

Lat/Long: 42°22'42" / 89°49'24"

Railroad: Chicago, Central & Pacific

Street: Schuyler Street

Railroad Milepost: 126.88-W

Crossing Protection: Train Activated Devices